



July 2003



**Dr. Murali
Rangaswamy**

SN scientist joins DSP Editorial Board

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Dr. Murali Rangaswamy, AFRL/SNHE, was recently invited to join the Editorial Board of the Digital Signal Processing (DSP) Review, published by Elsevier Science.

The DSP is a journal devoted to the publication of original research articles and reviews, covering new technologies, significant new programs and breakthroughs in the field. Areas of interest include image processing, neural networks, pattern recognition, digital communications, biomedical applications, speech processing, underwater acoustics, radar signal processing, astronomy and geophysical data analysis. DSP Editorial board members are internationally recognized experts whose careers have been characterized by sustained excellence and distinguished research in signal processing. @

SN scientist co-authors Book Chapter on Terahertz Technology

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Richard Soref, AFRL/SNHC, has co-authored a comprehensive book-chapter on terahertz technology — “Silicon-Germanium Quantum Cascade Lasers,” by R. W. Kelsall and R. A. Soref. This is Chapter 8 in the book that was printed June 5, 2003 in the Journal of High Speed Electronics: Sensing Science and Electronic Technology at Terahertz Frequencies, Vol I. Electronic Devices and Advanced Systems Technology, Edited by Woolard, Shur and Leorop. @

IF Engineer co-edits book on Mobile Computing

ROME, N.Y. — Dr. Kevin Kwiat of the Air Force Research Laboratory's Information Directorate has co-edited a book entitled Mobile Computing: Implementing Pervasive Information and Communications Technologies.

Designed to address the business and technical challenges of pervasive computing, the book encompasses current and emerging technology standards, network infrastructures and architectures, and innovative, high-impact applications of mobile technologies in virtual enterprises.

The audience for the book, published by Kluwer, includes industry practitioners, university faculty and graduate students, and independent researchers. @

Thacker Named Manager of the Year

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — The Wright Chapter of the National Management Association recently announced Col. Thomas Thacker, VA Director and Det. 1 Commander, as their Manager of the Year.

He received the award, which recognizes persons who have demonstrated outstanding leadership and management skills, on June 5 during Top Management Night at the Hope Hotel. @

TSgt. and MSgt. promotions announced

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Those selected include - Tech Sergeants - Dan Baker, Rome; Warrant Benge and Jeffrey Perry, Brooks; Kenneth Wadliegh, Kirtland; Steven Briggs, Michael Holle and Brandon Otten, Edwards; and Julie Boyer, Aaron Guilfoil and Tanya Johnson, Wright-Patt. Master Sergeants - Bruce Benenati, Rome; Samuel Colon, Brooks, Ronald Craft and Mark Wade, Brooks; David Hamlet, Hanscom; Roland Cantu and Steven Tuss, Kirtland; and George Sudberry and Donald Yeager, Wright-Patt. @

Edwards Sergeant selected as Performer of the Month

EDWARDS AIR FORCE BASE, Calif. — Tech. Sgt. Robert Shah was selected as Edwards Air Force Base's military Performer of the Month for May 2003.

Shah is one of the Air Force Research Laboratory's experimental demonstration rocket engine mechanics, providing his 16 years of experience to the Propulsion Directorate. He has been assigned to Edwards for about two years. @

continued on page 2

continued from page 1

Yeager re-enlists AFRL Sergeants

EDWARDS AIR FORCE BASE CALIFORNIA — Retired Brig. Gen. Chuck Yeager gave the re-enlistment oath to a group of Edwards military personnel on May 16, 2003.

Master Sgt. Lorenzo Salgado, the First Sergeant for the Air Force Research Laboratory Propulsion Directorate's Edwards Research Site, and Staff Sgt. Randy Sarmiento of its Orderly Room got the opportunity to join the group.

Together with five Air Force Flight Test Center personnel, they were selected for the special re-enlistment ceremony with the Center commander, Maj. Gen. Doug Pearson, and Chuck Yeager. @

continued from page 1

Senior officer announcements

ASSIGNMENTS:

Col. Thomas A. Butler

FROM: DEPUTY COMMANDER, 46TH TEST GROUP, 46 TG/CD, AAC, HOLLOMAN AFB NM
TO: DEPUTY DIRECTOR, DIRECTED ENERGY, AFRL/DE, AFRL, KIRTLAND AFB NM
RNLTD: 1 JUL 03

Col. Mark D. Stephen

FROM: DEPUTY DIRECTOR, DIRECTED ENERGY, AFRL/DE, KIRTLAND AFB NM
TO: CHIEF, SCIENCE-TECHNOLOGY DIVISION, SAF/AQRT, PENTAGON ADM VA
RNLTD: 15 JUL 03

Col. Richard J. DeLorenzo Jr.

FROM: COMMANDER, 347TH AEROMEDICAL-DENTAL SQ, 347 ADS/CC, MOODY AFB GA
TO: AEROSPACE MED PHYSICIAN, AFRL/HEPM, BROOKS CITY-BASE, TX
RNLTD: 15 JUN 03